

Recovery Plan Action Status

Plan Name: Slender Chub

Plan Status: Final

Plan Date: 29-Jul-83

Lead Agency: USFWS

Lead Office: Tennessee Ecological Services Field Office

(931)

528-6481)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Slender chub (Erimystax cahni)	2	1.1	Continue to utilize existing legislation and regulations to protect species and habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Other: Regulations	Internal Field Assistance	*1. See attachment: general categories for Implementation Schedules. *2. Other agencies' responsibility would be of a cooperative nature or projects funded under a contract or grant program. In some cases contracts could be let to universities or private enterprises. *3. Note: ALL ESTIMATES ARE FOR FWS FUNDS ONLY.
Slender chub (Erimystax cahni)	3	1.2.1	Determine species present distribution and status	Complete	FY 2000 - FY 2004	FY 2006	U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Virginia Commission of Game and Inland Fisheries	Research: Population Surveys	Contract	

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Slender chub (Erimystax cahni)	2	1.2.2	Characterize habitat and determine essential elements	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	
Slender chub (Erimystax cahni)	2	1.2.3-1.2.4	Determine the extent of preferred habitat and present information in a manner which identifies areas in need of species attention	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	
Slender chub (Erimystax cahni)	3	1.3.1-1.3.4	Determine present and foreseeable threats to species	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	

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Slender chub (<i>Erimystax cahni</i>)	3	1.3.5	Determine measures needed to minimize threats and implement where needed to meet recovery	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, TN and VA Nature Conservancy, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	Costs unknown
Slender chub (<i>Erimystax cahni</i>)	3	1.4.1-1.4.4	Solicit help in protecting species and essential habitat	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, TN and VA Nature Conservancy, Virginia Commission of Game and Inland Fisheries	Management: Planning	Internal Field Assistance	

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Slender chub (Erimystax cahni)	3	1.4.5	Develop and utilize information and education programs (slide/tape shows, brochures, etc) for local distribution	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, TN and VA Nature Conservancy, Virginia Commission of Game and Inland Fisheries	Other: Information and Education	Internal Field Assistance	
Slender chub (Erimystax cahni)	3	2.1	Survey rivers within species' historic range to determine availability of suitable transplant sites	Complete	FY 2000 - FY 2004	FY 2006	U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, TN and VA Nature Conservancy, Virginia Commission of Game and Inland Fisheries	Research: Habitat Status	Contract	
Slender chub (Erimystax cahni)	3	2.2	Determine best method of establishing new populations	Complete	FY 2000 - FY 2004	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Research: Management Techniques	Species Expert	Task 2.1-2.3 may not be required if other populations are found in task 1.2.1

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Slender chub (Erimystax cahni)	3	2.3	reestablish populations within historic range as needed to meet recovery	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Research: Propagation	Species Expert	
Slender chub (Erimystax cahni)	3	2.4	Implement same protective measures for these reestablished populations as for known populations	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	
Slender chub (Erimystax cahni)	3	3	Conduct life history studies on a need-to-know basis	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	Costs unknown. These studies will be developed and carried out where there is a specific need for data necessary to reach recovery

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Slender chub (Erimystax cahni)	3	4	Investigate the need for habitat improvement and implementation only where needed to meet recovery objective	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Management: Habitat Maintenance and Manipulation	Internal Field Assistance	Costs unknown.
Slender chub (Erimystax cahni)	3	5	Develop and implement a monitoring program	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, Virginia Commission of Game and Inland Fisheries	Work type not yet selected	Labor type not yet selected	
Slender chub (Erimystax cahni)	3	6	Annual assessment of recovery program and modify where needed	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Tennessee Heritage Program, TN and VA Nature Conservancy, Virginia Commission of Game and Inland Fisheries	Management: Planning	Internal Field Assistance	